

CLAIMS

1. A light emitting device comprising:
an emission unit including at least an arc tube; and
a pair of reflecting means arranged in a longitudinal direction of said arc tube, for reflecting luminous fluxes emitted from said arc tube in a direction which varies according to a distance between said emission unit and each of said reflecting means.

2. A light emitting device according to claim 1, wherein said pair of reflecting means reflect luminous fluxes emitted from said arc tube in a direction which varies with respect to a direction parallel with the longitudinal direction of said arc tube according to the distance between said emission unit and each of said reflecting means.

3. A light emitting device according to claim 1, comprising a light-permeable optical unit, and wherein said reflecting means are fixed to said light-permeable optical unit that refracts luminous fluxes emitted from said arc tube in a direction which varies according to the distance between said emission unit and each of said reflecting means.

4. A light emitting device according to claim 3, wherein said light-permeable optical unit refracts

luminous fluxes emitted from said arc tube in a direction which varies with respect to a direction orthogonal to the longitudinal direction of said arc tube according to the distance between said emission unit and each of said reflecting means.

5. A light emitting device according to claim 1, wherein the luminous fluxes emitted from said arc tube do not reach said reflecting means when the distance between said emission unit and each of said reflecting means is shorter than a predetermined distance, and the luminous fluxes emitted from said arc tube reach said reflecting means when the distance between said emission unit and each of said reflecting means is longer than the predetermined distance.

6. A light emitting device according to claim 1, wherein said emission unit comprises a light guide member for guiding luminous fluxes emitted from said arc in a predetermined direction, said light guide member being disposed to lie between said pair of reflecting means when the distance between said emission unit and each of said reflecting means is shortest.

7. A camera having a light emitting device according to claim 1.